

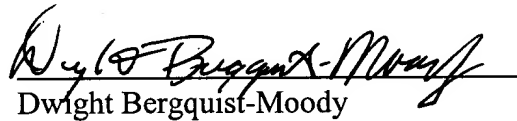
**CERTIFICATE OF MAILING
BY EXPRESS MAIL**



Express Mail No.: EL619334112US

Date of Deposit: September 13, 2000

I hereby certify that the patent application attached hereto entitled **METHOD FOR ADAPTING QUANTIZATION IN VIDEO CODING USING FACE DETECTION AND VISUAL ECCENTRICITY WEIGHTING**, Daly et al., inventors, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and is addressed to, The Honorable Commissioner for Patents and Trademarks, Box Patent Application, Washington, D.C. 20231.


Dwight Bergquist-Moody

PATENTS ONLY

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE UNDER 37 CFR §3.73(b)

Applicants: Daly et al.Application No: N/A Filed: Concurrently herewithTitle: **METHOD FOR ADAPTING QUANTIZATION IN VIDEO CODING USING FACE DETECTION AND VISUAL ECCENTRICITY WEIGHTING**

Sharp Laboratories of America, Inc. (Assignee) a Washington corporation (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.) certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 9112, Frame 0945, or for which a copy thereof is attached.

B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel __, Frame __, or for which a copy is attached.

2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel __, Frame __, or for which a copy is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached. (Where one or more of the documents is unrecorded.)

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this Certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of METHOD FOR ADAPTING QUANTIZATION IN VIDEO CODING USING FACE DETECTION AND VISUAL ECCENTRICITY WEIGHTING or any patent issuing thereon.

Date: September 13, 2000Name: Kevin L. RussellTitle: Attorney for the Assignee (a copy of the Power of Attorney is attached)

Signature: _____

Chernoff, Vilhauer, McClung & Stenzel, LLP
1600 ODS Tower
601 S W Second Avenue
Portland, Oregon 97204
Tel: (503) 227-5631

09/13/00

JC872 U.S. PTO

09-15-00

A

JC893 U.S. PTO
09/661633

09/13/00

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new non-provisional applications under 37CFR§1.53(b))

Attorney Docket
No.

KLR 7146.095

First Inventor or Application
Identifier

Daly et al.

Title

METHOD FOR ADAPTING QUANTIZATION IN VIDEO
CODING USING FACE DETECTION AND VISUAL
ECCENTRICITY WEIGHTING

Express Mail Label No.

EL619334112US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

1. ☒ *Fee Transmittal Form (e.g. PTO/SB/17)
(Submit an original and a duplicate for fee processing)

Total pages

47

2. ☒ Specification

(preferred arrangement set forth below)

- Descriptive Title of the Invention
- Cross References to Related Applications
- Statement Regarding Federally Sponsored Research
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

5. ☐ Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

- a. ☐ Computer readable copy
- b. ☐ Paper copy (identical to computer copy)
- c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

3. ☒ Drawing(s) (35 USC 113)

[Total Pages

8

4. Oath or Declaration

[Total Pages

55

- a. ☐ Newly executed (original or copy)
- b. ☒ Copy from a prior application (37 CFR §1.63(d))
(for continuation/divisional with Box 16 completed)
- i. ☐ Deletion of Inventor(s)
Signed statement attached deleting inventor(s)
named in the prior application,
see 37 CFR §§1.53(d)(2) and 1.33(b)

7. ☒ Assignment Papers (cover sheet & document(s))
8. ☒ 37 CFR §3.73(b) Statement ☒ Power of Attorney
when there is an assignee
9. ☐ English translation document (if applicable)
10. ☐ Information Disclosure Statement (IDS) /PTO
1449 ☐ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)
(should be specifically itemized)
13. ☐ *Small Entity Statements
(PTO/sb/09-12) ☐ Statement filed in prior
application.
Status still proper and desired.
14. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
15. ☒ Other: Preliminary Amendment

* Note for Items 1 & 13: In order to be entitled to pay small
entity fees, a small entity statement is required (37 CFR §1.27),
except if one filed in a prior application is relied upon (37 CFR
§1.28)

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment
- ☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No.: 09/052,591

Prior application information: Examiner Werner, B. Group No./Art Unit 2721

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under
Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS☐ Customer Number or Bar Code Label

(Insert customer number or attach bar code label here)

or ☒ Correspondence address below

Name Kevin L. Russell

Address 601 SW Second Ave., Suite 1600

City Portland

Country USA

State

OR

Telephone

(503)227-5631

Zip Code 97204-3157

FAX (503)228-4373

Registration No.

38,292

Name (print type)

Kevin L. Russell

Date

September 13, 2000

Signature

FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.
Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.
See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT 1,742

Application Number N/A
Filing Date September 13, 2000
First Named Inventor Daly et al.
Examiner Name N/A
Group/ Art Unit N/A
Attorney Docket No. KLR 7146.095

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge the indicated fees and credit any over payments to:

Deposit Account Number 03-1550
Deposit Account Name Chernoff Vilhauer McClung Stenzel

☒ Charge any additional fee required under 37 CFR 1.16 ☐ 1.17

2. ☒ Payment Enclosed

☒ Check ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code	Fee Code	Fee Description	Fee Paid
		101	690 201	345 Utility filing fee	690
		106	310 206	155 Design filing fee	
		107	480 207	240 Plant filing fee	
		108	690 208	345 Reissue filing fee	
		114	150 214	75 Provisional filing fee	
SUBTOTAL (1)					690

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
61	-20 = 41 X	18	738
6	-3* = 3 X	78	234

Multiple Dependent
For number of previously paid, if greater. For reissues, see below.

Large Entity	Small Entity	Fee Code	Fee Code	Fee Description
		103	18 203	9 Claims in excess of 20
		102	78 202	39 Independent claims in excess of 3
		104	260 204	130 Multiple dependent claim, if not paid
		109	78 209	39 *Reissue independent claims over original patent
		110	18 210	9 *Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) 972

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code	Fee Code	Fee Description	Fee Paid
		105	130 205	65 Surcharge - late filing fee or oath	
		127	50 227	25 Surcharge-late provisional filing fee or cover sheet	
		139	130 139	130 Non-English specification	
		147	2,520 147	2,520 For filing a request for reexamination	
		112	920* 112	920* Requesting publication of SIR prior to Examiner action	
		113	1840* 113	1840* Requesting publication of SIR after Examiner action	
		115	110 215	55 Extension for reply within first month	
		116	380 216	190 Extension for reply within second month	
		117	870 217	435 Extension for reply within third month	
		118	1,360 218	680 Extension for reply within fourth month	
		128	1,850 228	925 Extension for reply within fifth month	
		119	300 219	150 Notice of Appeal	
		120	300 220	150 Filing a brief in support of an appeal	
		121	260 221	130 Request for oral hearing	
		138	1,510 138	1,510 Petition to institute a public use proceeding	
		140	110 240	55 Petition to revive - unavoidable	
		141	1,210 241	605 Petition to revive - unintentional	
		142	1,210 242	605 Utility issue fee (or reissue)	
		143	430 243	215 Design issue fee	
		144	580 244	290 Plant issue fee	
		122	130 122	130 Petitions to the Commissioner	
		123	50 123	50 Petitions related to provisional applications	
		126	240 126	240 Submission of Information Disclosure Statement	80
		561	40 561	40 Recording each patent assignment per property (times number of properties)	
		146	690 246	345 Filing a submission after final rejection (37 C.F.R. 1.129(a))	
		149	690 249	345 For each additional invention to be examined (37 C.F.R. 1.129(b))	

Other (specify)

Other (specify)

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) 80

SUBMITTED BY

Name (print type) Kevin L. Russell

Signature

Registration No. 38,292

Telephone (503) 227-5631

Date September 13, 2000